

**US AIR FORCE
MEEP PROJECT
FINAL REPORT - PARTS WASHER
PROJECT NO - E002-01**

*****IMPORTANT REMINDER*****

THIS REPORT WILL NOT TO USED FOR COMMERCIAL PUBLICITY, ADVERTISEMENT, OR SALES PURPOSES OTHER THAN FEDERAL OR CIVIL GOVERNMENT AGENCIES AS ADDRESSED IN PARAGRAPH 12 OF THE BAILMENT AGREEMENT BETWEEN THE UNITED STATES AIR FORCE AND CLARUS TECHNOLOGIES, LLC.

THE FOLLOWING INFORMATION IS FURNISHED AS CLOSING ACTION FOR THIS PROJECT.

Project Title: Parts Washer.

Project Dates: February to October 2002.

Project Monitor: An ANG Base

Project Evaluated: Parts Washer, PCS-25



Project Results: During the evaluation, the PCS-25 was used approximately 2 hours daily to clean air, oil, fuel and various other type of filters used throughout the vehicle maintenance shop; to clean diesel engine parts and components as well as brake system components; to clean dirty and greasy tools after the job and various containers used to catch waste oil, coolant, and other hazardous wastes. The PCS-25 performed flawlessly. Test site technicians described the PCS-25 as the best engineered, and user-friendly parts cleaner they have had the pleasure to use to date. The solvent used is low odor, non corrosive, and environmentally friendly; and performs better than older more hazardous solvents. All controls can be operated with gloved hands as well. The PCS-25 is equipped with an efficient filtering system to remove contaminants from the cleaning solvent, as opposed to other parts cleaners that require a 100% solvent change and cleanout. Larger parts and assemblies can be thoroughly cleaned due to the size of the PCS-25. Another excellent feature is a separate agitation tank and pump for more stubborn cleaning jobs. **Advantages:** **a.** Controls were easy to operate while wearing safety gear. **b.** Allows thorough cleaning of hazardous waste containers. **c.** Minimizes amount of hazardous waste generated by work center. **Tangible Savings:** The PCS-25 resulted in an annual indirect hourly rate savings of \$2,750.00. **Intangible Benefits:** The PCS-25 provides much easier, safer, and faster parts cleaning. **Final MEEP Action:** Based on test results the PCS-25 is highly recommended for Air Force use and adoption. The recommended source of procurement is local purchase. **Project Closed.**

[Click here to view the PCS-25 in larger detail](#) (opens a web browser)



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